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MAY 18 2010

Environmental  
Cleanup Office



5129 N. Shirley St. Suite 100, Ruston, WA 98407

May 15, 2010

Mr. Kevin L. Rochlin  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, ECL-111  
Seattle, WA 98101

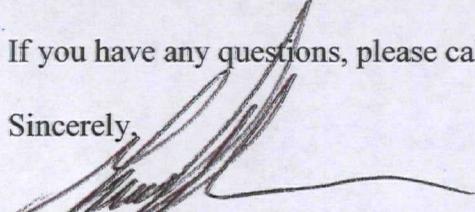
RE: Monthly Report: No. 167, April 2010  
Operable Unit No. 02 - Asarco Tacoma Smelter Site

Dear Mr. Rochlin:

Point Ruston is submitting this monthly report per the requirements of paragraph 48 of the Consent Decree for the above referenced site. Point Ruston will continue to provide monthly reports to EPA for the site organized in the same manner as previous reports prepared by Asarco to follow item (a) through (g) of this paragraph.

If you have any questions, please call me at (253) 752-2185, extension 218.

Sincerely,



Gary Pedersen

Chief Operations Manager

Attachment (2 copies)

cc: Chung Ki Yee - Washington Department of Ecology  
Evan Griffiths - CH2MHill (2 copies)  
Leslie Ann Rose - Citizens for a Healthy Bay

USEPA SF



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Monthly Report 167, April 2010  
Operable Unit 02  
Asarco Tacoma Smelter Site

*A. Actions taken to achieve compliance with the Consent Decree during the previous month.*

1. Met with EPA on April 9<sup>th</sup>.
2. Continued weekly site- inspection reports (see attached).
3. Maintained clean work area and road.
4. Remedial Action activities continued.
5. Training activities include the following:
  - Site specific Safety Orientation (Clean Zone) was held for personnel of the following companies:
    - i. (3) Alliance Steel Erectors workers
    - ii. (33) Workers attending the DNR Dock Removal Pre-Bid Conference
    - iii. (2) American Construction workers
    - iv. (2) R.W. Rhine workers
    - v. (1) West Coast Contractors worker
    - vi. (1) NW Maritime Industrial worker
    - vii. (1) Anderson Environmental Contracting worker
    - viii. (1) Axis Crane worker
    - ix. (2) IMCO General Construction workers
    - x. (1) Thermatech NW worker
    - xi. (2) Construction Group International workers
    - xii. (2) DMSL Construction workers
    - xiii. (2) Pacific Pile & Marine workers
    - xiv. (2) Demolition Man workers
    - xv. (2) NW Abatement workers
    - xvi. (2) J. Harper workers
    - xvii. (1) Tetra Tech worker
    - xviii. (1) City Of Tacoma attorney
    - xix. (1) APS Locates worker
    - xx. (1) Point Ruston worker
    - xxi. (2) MAC Transport workers
    - xxii. (2) Apex Apartments workers
  - Site Specific Safety Orientation (Exclusion Zone) was held for personnel of the following companies:
    - i. (2) CH2mHill workers
  - HAZWOPER 40-hr training was held for personnel of the following companies:
    - i. None held
  - HAZWOPER annual refresher was held for personnel of the following companies:
    - i. Non held

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B. *Summary of sampling, tests and all other data received or generated by Point Ruston in the previous month.*

1. Outfall activities including the following:

Section 2.3 of the Final Statement of Work (SOW) for Remedial Design and Remedial Action – Exhibit F to the Second Amendment requires Point Ruston to continue outfall monitoring. Outfalls will be monitored to determine if the monthly average surface water outfall concentrations for arsenic, copper, and zinc exceed 0.5 ppm at the North and South site outfalls until they are abandoned.

Weekly composite samples will be collected at each outfall during the construction season. During the winter season, outfall samples will be collected every other month. Asarco began the following schedule in May of 2003 which Point Ruston will continue to implement: weekly composite samples will be collected from May-October, and in December, February, and April.

In addition to the North and South Outfalls, Point Ruston resumed monitoring of an existing, upland station near the southeastern end of the car tunnel. This monitoring station is designated OSW2. Samples were collected by Point Ruston on April 12<sup>th</sup>, 19<sup>th</sup>, 26<sup>th</sup>, and May 3<sup>rd</sup>.

2. Point Ruston collects OCF leachate in a 5,000-gallon polyethylene tank for offsite shipment and disposal. LCRS and LDCRS volumes are monitored weekly in accordance with the draft OCF OMMP. LCRS volumes currently average approximately 117 gallons per day on the LCRS (see attached correspondence and data). The leachate was sampled on March 15<sup>th</sup> (5.3ppm). 4,776 gallons of leachate were pumped and shipped on April 6<sup>th</sup>.

3. Point Ruston performs perimeter air monitoring at three locations on the site: NW Corner of OCF, OCF Vault #1 (upper vault), South Gate. Results for samples collected from April 2<sup>nd</sup> through April 30<sup>th</sup> are attached. There were no exceedances. Monitoring was not conducted on the following dates due to lack of Remedial Action activities:

Thursday April 1, 2010  
Week of April 5-9, 2010  
Tuesday April 27, 2010  
Wednesday April 28, 2010

4. Point Ruston performs personal air monitoring in accordance with WAC 296-848-20060(1) & WAC 296-155-17609(1)(a) to determine if the airborne concentrations of arsenic and lead exceed the PEL. Results from samples collected on April 14<sup>th</sup> are attached. There were no exceedances.

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*C. Work Plans and other deliverables completed and submitted during the previous month.*

1. Plans and Documents included the following:
  - Point Ruston submitted The Sequence of Development and Occupancy Plan. Copies were mailed
  - Point Ruston submitted revised Health and Safety Plan version 5. Copies were Mailed
  - Point Ruston continued to receive City of Tacoma/Town of Ruston comments on the Ruston Way from 51<sup>st</sup> to 49th Plans throughout the month
  - Point Ruston, EPA , the City of Tacoma and the Town of Ruston met on April 29<sup>th</sup> to review and coordinate final design issues relating to the master infrastructure plans
2. Remedial Action included the following tasks:
  - OCF construction activities:
    - Maintained leachate collection system.
  - Stack Hill construction activities:
    - Maintained erosion and surface water controls; specifically on Commercial Street cul-de-sac area.
    - Maintained site perimeter fence and signage at the north end of Stack Hill.
  - Site-wide remediation/redevelopment activities:
    - Continued surface water controls
    - Maintained onsite haul roads and stockpiles
    - Maintained erosion and surface water controls
    - Received asphalt grindings on April 17 from the City of Tacoma to be used for the on-site clean haul roads.

*D. Actions scheduled for the next six weeks.*

1. Continue construction of public infrastructure
2. Obtain final approval from the Town of Ruston and the City of Tacoma for the Master Infrastructure/LID project
3. Resubmit the Master Infrastructure CMP and response letter to comments to EPA.

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4. Resubmit modified plan sheets and specifications reflecting changes from EPA comments to the MICMP
5. Submit response letter to EPA comment letter on the Remedial Action Plan for BNSF Quit Claim area
6. Address EPA comments received on the Phase I CMP
7. Submit revisions on the Upland OMMP (submitted on 3/5/2010)
8. Address comments Point Ruston CC&Rs (submitted on 3/5/2010)
9. The following Remedial Action tasks are planned to continue:  
**RA Monitoring:**
  - a. Outfall sampling (weekly composite samples) during scheduled months
  - b. Air monitoring during remedial action activities**OCF OMMP activities:**
  - c. Continue collection of leachate for offsite disposal
  - d. Continue monitoring of leachate volumes**Stack Hill construction activities:**
  - e. Erosion controls and site maintenance
  - f. Continue home construction
  - g. Begin face cap installation**Site-wide construction activities:**
  - h. Continue surface water controls
  - i. Maintain roads and stockpiles onsite
  - j. Maintain erosion controls
  - k. Construction activities for mass grading and Master Infrastructure
  - l. Installation of deep Public Storm Sewer main in Ruston Way, Private on-site Storm Sewer main and Public Sanitary Sewer main.

*E. Percentage completion, unresolved delays encountered or anticipated that may affect schedule, and efforts to mitigate delays.*

1. Point Ruston is continuing to work with the City of Tacoma & Town of Ruston to secure permits associated with the Master Infrastructure CMP and Phase I CMP.
2. Point Ruston is coordinating with BNSF to secure a quit claim deed for the area adjacent to Ruston Way

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3. Dock Removal: A pre-application meeting was held on-site April 15<sup>th</sup> to review the project with potential contractors. Various bidders visited the site on several days prior to the final bid opening on April 29, 2010 to evaluate the dock removal project site conditions to facilitate their bid preparation. Pacific Pile and Marine has been chosen by DNR as the contractor to perform the work.

*F. Modifications to work plans or schedules proposed to or approved by EPA.*

1. The Second Amendment to the Consent Decree was finalized and the sale of the property to Point Ruston LLC completed on October 31, 2006.
2. Point Ruston submitted a Request for Schedule Modification to Attachment 1 of the Final Statement of Work on February 9, 2010 and has been in continuing discussions with EPA over the proposed schedule modification.

*G. Activities undertaken to support Community Relations Plan during the previous month and planned for the next four weeks.*

1. Point Ruston is working with the Town of Ruston and City of Tacoma on development plans, which incorporate remediation components for the site.
2. Point Ruston is working with MetroParks to incorporate the capping component into the Peninsula Park design. A Memorandum of Agreement to collaborate with Point Ruston, LLC on the design and remediation plan for Breakwater Peninsula was approved by the Board of Commissioners on January 25<sup>th</sup>. Point Ruston met with members of the Peninsula Park Joint Planning group in April and did so again in May.
3. Point Ruston continues to meet with the Town of Ruston, City of Tacoma and MetroParks to address operation, maintenance, and monitoring issues at the site.

*Point  
Ruston*

Weekly Site Inspection Report No. 2010-0404

Week of 4/4 - 10, 2010

Inspector Tim RUSHER

**Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Gates: <i>51st St.</i> North (electric) South (electric) Pond Peninsula <i>54th St. (Other) electric</i>	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
Signage:					
Gates	(G)	F	P	Y	(N)
Perimeter	(G)	F	P	Y	(N)
Safety	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
Public Streets:					
Ruston Way	(G)	F	P	Y	(N)
51 <sup>st</sup> & Gallagher	(G)	F	P	Y	(N)
Stack Hill	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
BMPs:					
Berms	(G)	F	P	Y	(N)
Waddles	(G)	F	P	Y	(N)
Silt Fence	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
Strom drains clean:					
Lower Site	(G)	F	P	Y	(N)
Stack Hill	(G)	F	P	Y	(N)
Stockpiles:					
Envirotac II	(G)	F	P	Y	(N)
Plastic	(G)	F	P	Y	(N)
Packed	(G)	F	P	Y	(N)
Grass	(G)	F	P	Y	(N)
Dust:					
Traffic areas	(G)	F	P	Y	(N)
Excavation area	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
Fencing:					
Site Perimeter	(G)	F	P	Y	(N)
Zone Separation	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N

**Weekly Site Inspection Report No. 2010-0404**  
**Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
Docks:					
Barriers	(G)	F	P	Y	(N)
Signs	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
Cameras:					
STACK (In)	(G)	F	P	Y	(N)
Lower SITE	G	F	(P)	(Y)	N
	G	F	P	Y	N
Health & Safety Plans:					
Site Superintendent	(G)	F	P	Y	(N)
Construction Super.	(G)	F	P	Y	(N)
Other	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

Misc. notes:

WEATHER:

Day of Week	Summary of Weather Conditions
Sunday 4	38/53 NNE WIND 5mph/GUST 7mph, NO PRECIPITATION
Monday 5	37/55 SSW WIND 6mph/GUST 9mph, PRECIP. LATE EVE 0.12"
Tuesday 6	31/44 SSW WIND 10mph/GUST 12mph, NO PRECIPITATION
Wednesday 7	34/53 SSW WIND 6mph/GUST 7mph, PRECIP. EVE 0.09"
Thursday 8	39/51 SSW WIND 11mph/GUST 15mph, PRECIP. MOR. 0.08"
Friday 9	37/56 SW WIND 6mph/GUST 8mph, NO PRECIPITATION
Saturday 10	37/54 NE WIND 7mph/GUST 10mph, NO PRECIPITATION

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 4/12/10

SIGNED: 

Title/Qualification of Inspector: CONSTRUCTION OVERSIGHT /HEALTH & SAFETY OFFICER

*Point  
Ruston*

Weekly Site Inspection Report No. 2010-0411

Week of 4/11 - 17, 2010 Inspector Tim RUSH FOR

Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
<b>Gates:</b> <del>51st Street</del> North (electric) South (electric) Pond Peninsula <del>54th (Other) Street</del>	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Stockpiles:</b> Envirotac II Plastic Packed <del>Grass pile B</del>	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	N
					PILE # B BANG PLACED ON SITE
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N

**Weekly Site Inspection Report No. 2010-0411**  
**Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
Docks:					
Barriers	(G)	F	P	Y (N)	
Signs	(G)	F	P	Y (N)	
(Other)	G	F	P	Y N	
Cameras:					
Stackline	(G)	F	P	Y (N)	
Lowline SITE	G	F	(P)	(Y) N	
	G	F	P	Y N	
Health & Safety Plans:					
Site Superintendent	(G)	F	P	(Y) N	DO NOT PENDING FINAL APPROVAL.
Construction Super.	(G)	F	P	(Y) N	SPANISH REVISIONS NEAR COMPLETION.
Other	G	F	P	Y N	

G=Good F=Fair P=Poor Y=Yes N=No

Misc. notes: DNR HELD DOCK DEMOLITION, PRE-BID CONFERENCE 4/14/10

**WEATHER:**

Day of Week	Summary of Weather Conditions
Sunday 11	75/59 NNE WIND 4 MPH/GUST 6 MPH, NO PRECIPITATION
Monday 12	49/57 NNE WIND 4 MPH/GUST 6 MPH, NO PRECIPITATION
Tuesday 13	41/59 SW WIND 6 MPH/GUST 8 MPH, NO PRECIPITATION
Wednesday 14	38/57 NNE WIND 4 MPH/GUST 6 MPH, NO PRECIPITATION
Thursday 15	44/61 SW WIND 6 MPH/GUST 8 MPH, NO PRECIPITATION
Friday 16	57/64 NE WIND 5 MPH/GUST 7 MPH, NO PRECIPITATION
Saturday 17	79/60 SW WIND 4 MPH/GUST 5 MPH, PRECIP. EVE 0.45"

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 4/19/10

SIGNED: 

Title/Qualification of Inspector: CONSTRUCTION OVERSIGHT / HEALTH + SAFETY OFFICER,

*Point  
Ruston*

Weekly Site Inspection Report No. 2010-0418  
 Week of 4/18-24, 2010 Inspector Jim RUSHER  
 Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
<b>Gates:</b> North (electric) South (electric) Pond Peninsula <del>54TH (Other) SOLAR</del>	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Stockpiles:</b> Envirotac II Plastic Packed Grass	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N

**Weekly Site Inspection Report No. 2010-0418**  
**Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
<b>Docks:</b> Barriers Signs (Other)	G	F	P	Y N	PRE-BID INSPECTIONS BEEN CONDUCTED
	G	F	P	Y N	
	G	F	P	Y N	
<b>Cameras:</b> <u>STACK HULL</u>	G	F	P	Y N	
	G	F	P	Y N	
	G	F	P	Y N	
<b>Health &amp; Safety Plans:</b> Site Superintendent Construction Super. Other	G	F	P	Y N	U.S READY FOR SUBMITTAL
	G	F	P	Y N	
	G	F	P	Y N	

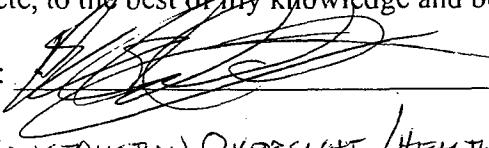
G=Good F=Fair P=Poor Y=Yes N=No

Misc. notes:	CONTRACTORS INSPECTING DOCKS AN WEEK TO PREPARE BIDS - FOR DNR DEADLINE OF 4/29/10. ALL WERE ORIENTATED ON SITE + DOCK SAFETY, POINT RUSTON SUPPLIED THE REQUIRED LIFE STATION EQUIPMENT DURING INSPECTIONS.

**WEATHER:**

Day of Week	Low/HIGH	Summary of Weather Conditions
Sunday 18	50°/68°	NE WIND 4 MPH/GUST 5 MPH, NO PRECIPITATION
Monday 19	50°/70°	SW WIND 5 MPH/GUST 7 MPH, NO PRECIPITATION
Tuesday 20	48°/56°	NNW WIND 4 MPH/GUST 5 MPH, PRECIP. MORN. 0.09"
Wednesday 21	44°/54°	SW WIND 5 MPH/GUST 6 MPH, PRECIP. MORN. 0.17"
Thursday 22	43°/57°	NNE WIND 4 MPH/GUST 5 MPH, NO PRECIPITATION
Friday 23	42°/61°	SW WIND 7 MPH/GUST 9 MPH, PRECIP. EVE. 0.04"
Saturday 24	41°/58°	SSW WIND 9 MPH/GUST 12 MPH, PRECIP. MORN. 0.04"

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 4/26/2010 SIGNED: 

Title/Qualification of Inspector: CONSTRUCTION OVERSIGHT / HEALTH + SAFETY

Point  
Ruston

Weekly Site Inspection Report No. 2010-0425  
 Week of 4/25 - 5/1, 2010 Inspector Tim Rusiner

Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS
<b>Gates:</b> North (electric) South (electric) Pond Peninsula <i>54 m (Other) ELEC.</i>	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	G	F	P Y	N
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	G	F	P Y	N
				TRESPASSING VEHICLE TRACKED SOME SOIL TO STREET, BUT NOT SIGNIFICANT
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	G	F	P Y	N
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
<b>Stockpiles:</b> Envirotac II Plastic Packed Grass	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
				GRASS PILE ALMOST GONE (PLACED ON SITE)
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	G	F	P Y	N
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G)	F	P Y	(N)
	(G)	F	P Y	(N)
	G	F	P Y	N

**Weekly Site Inspection Report No. 2010 - 0425**  
**Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
Docks:					
Barriers	(G)	F	P	Y (N)	
Signs	(G)	F	P	Y (N)	
(Other)	G	F	P	Y N	
Cameras:					
STACK HILL	(G)	F	P	Y (N)	
LOWERSITE	G	F	P	(Y) N	
	G	F	P	Y N	
Health & Safety Plans:					V.S IN REVIEW
Site Superintendent	G	F	P	Y N	?
Construction Super.	G	F	P	Y N	?
Other	G	F	P	Y N	*

G=Good F=Fair P=Poor Y=Yes N=No

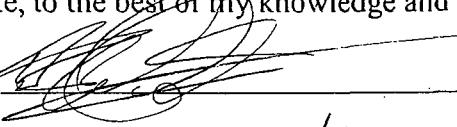
**Misc. notes:**


**WEATHER:**

Day of Week	Low/HIGHT	Summary of Weather Conditions
Sunday 25	40/58	NNE WIND 4mph/GUST 5mph, NO PRECIPITATION
Monday 26	41/61	SW WIND 5mph/GUST 7mph, PRECIP. LATE EVE. <sup>0.01"</sup>
Tuesday 27	45/58	SW WIND 7mph/GUST 10 mph, PRECIP. SCATTERED <sup>0.25"</sup>
Wednesday 28	43/60	SW WIND 8 mph/GUST 13 mph, NO PRECIPITATION
Thursday 29	40/64	SW WIND 7 mph/GUST 8 mph, NO PRECIPITATION
Friday 30	45/60	SW WIND 7 mph/GUST 9 mph, NO PRECIPITATION
Saturday 5/1	44/58	SW WIND 8 mph/GUST 10 mph, NO PRECIPITATION

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 5/3/10

SIGNED: 

Title/Qualification of Inspector: CONSTRUCTION OVERSIGHT / HEALTH AND SAFETY OFFICER



ENERGY LABORATORIES, INC. \* 1120 S 27th St \* PO Box 30916 \* Billings, MT 59107-0916  
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## ANALYTICAL SUMMARY REPORT

March 22, 2010

Tim Rusher  
Point Ruston LLC  
5219 N Shirley St Ste 100  
Ruston, WA 98407-6599

MAR 26 2010

Workorder No.: B10031220

Project Name: Tacoma Smelter OCF Leachate Tank

Energy Laboratories Inc received the following 1 sample for Point Ruston LLC on 3/16/2010 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B10031220-001	TSM031015, OCF Leachate	03/15/10 10:16	03/16/10	Aqueous	Metals by ICP, Total Metals Preparation by EPA 200.2

Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

*Cindy Rohrer*

Inorganic Department Manager

Digitally signed by  
Cindy Rohrer  
Date: 2010.03.22 09:44:01 -06:00

Report Approved By:



ENERGY LABORATORIES, INC. \* 1120 S 27th St \* PO Box 30916 \* Billings, MT 59107-0916  
Toll Free 800.735.4489 \* 406.252.6325 \* FAX 406.252.6069 \* eli@energylab.com

## LABORATORY ANALYTICAL REPORT

**Client:** Point Ruston LLC  
**Project:** Tacoma Smelter OCF Leachate Tank  
**Lab ID:** B10031220-001  
**Client Sample ID** TSM031015, OCF Leachate

**Report Date:** 03/22/10  
**Collection Date:** 03/15/10 10:16  
**DateReceived:** 03/16/10  
**Matrix:** Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	5.3	mg/L		0.1		E200.7	03/19/10 19:56 / tao

**Report  
Definitions:**

RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



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## QA/QC Summary Report

Client: Point Ruston LLC

Report Date: 03/22/10

Project: Tacoma Smelter OCF Leachate Tank

Work Order: B10031220

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7	Analytical Run: ICP202-B_100319A								
Sample ID: ICV	Continuing Calibration Verification Standard								
Arsenic	2.49	mg/L	0.10	100	95	105			
Method: E200.7	Batch: 45085								
Sample ID: MB-45085	Method Blank								
Arsenic	0.02	mg/L	0.006						
Sample ID: LCS5-45085	Run: ICP202-B_100319A								
Arsenic	0.534	mg/L	0.0061	107	85	115			
Sample ID: B10031182-002AMS5	Run: ICP202-B_100319A								
Arsenic	0.506	mg/L	0.0061	99	70	130			
Sample ID: B10031182-002AMSD5	Run: ICP202-B_100319A								
Arsenic	0.528	mg/L	0.0061	103	70	130	4.3	20	

### Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



## Workorder Receipt Checklist



Point Ruston LLC

B10031220

Login completed by: Jill M. Lippard

Date Received: 3/16/2010

Reviewed by: BL2000\kmcDonald

Received by: klb

Reviewed Date: 3/16/2010

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature:	12°C		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>

---

Contact and Corrective Action Comments:

None

## CHAIN OF CUSTODY RECORD

**POINT  
RUSTON**  
5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS
Tacoma Smelter		OCF - LEACHATE TANK			
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER
3/15/10		10:10	✓		TSM031015
<b>* RUSH ANALYSIS *</b> PLEASE EMAIL RESULTS TO: Tim2@POINTRUSTON.com					
Relinquished (Signature)		Date/Time	Received by: (Signature)		Lab
		3/15/10 FedEx			Shipped via FedEx, UPS or Other _____ Air Bill # _____
Relinquished (Signature)		Date/Time	Received by: (Signature)		Remarks
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)		Date/Time 09:30 3/16/10
			Kris Buhler		Enclosed:
					<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
Split Samples: <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Declined _____					
Signature					

12" Custody seal on bottle FedEx EXP



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## ANALYTICAL SUMMARY REPORT

May 07, 2010

Tim Rusher  
Point Ruston LLC  
5219 N Shirley St Ste 100  
Ruston, WA 98407-6599

Workorder No.: B10050191

Project Name: Tacoma Smelter Outfall Samples

Energy Laboratories Inc received the following 12 samples for Point Ruston LLC on 5/4/2010 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B10050191-001	TSM0410412, N	04/12/10 11:22	05/04/10	Aqueous	Metals by ICP/ICPMS, Total Metals Preparation by EPA 200.2
B10050191-002	TSM0410112, S	04/12/10 10:57	05/04/10	Aqueous	Same As Above
B10050191-003	TSM0410212, OSW	04/12/10 11:00	05/04/10	Aqueous	Same As Above
B10050191-004	TSM0410419, N	04/19/10 8:49	05/04/10	Aqueous	Same As Above
B10050191-005	TSM0410119, S	04/19/10 8:34	05/04/10	Aqueous	Same As Above
B10050191-006	TSM0410219, OSW	04/19/10 8:35	05/04/10	Aqueous	Same As Above
B10050191-007	TSM0410426, N	04/26/10 8:58	05/04/10	Aqueous	Same As Above
B10050191-008	TSM0410126, S	04/26/10 8:45	05/04/10	Aqueous	Same As Above
B10050191-009	TSM0410226, OSW	04/26/10 8:42	05/04/10	Aqueous	Same As Above
B10050191-010	TSM 0510403, N	05/03/10 9:22	05/04/10	Aqueous	Same As Above
B10050191-011	TSM0510103, S	05/03/10 9:03	05/04/10	Aqueous	Same As Above
B10050191-012	TSM0510203, OSW	05/03/10 9:04	05/04/10	Aqueous	Same As Above

Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:

Cindy Rohrer  
Inorganic Department Manager

Digitally signed by  
Cindy Rohrer  
Date: 2010.05.07 14:14:37 -06:00



## LABORATORY ANALYTICAL REPORT

**Client:** Point Ruston LLC  
**Project:** Tacoma Smelter Outfall Samples  
**Lab ID:** B10050191-001  
**Client Sample ID** TSM0410412, N

**Report Date:** 05/07/10  
**Collection Date:** 04/12/10 11:22  
**Date Received:** 05/04/10  
**Matrix:** Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.019	mg/L		0.005	E200.8		05/06/10 05:42 / tao
Copper	0.02	mg/L		0.01	E200.8		05/06/10 23:55 / tao
Zinc	0.01	mg/L		0.01	E200.8		05/06/10 05:42 / tao

**Report Definitions:**

RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Samples  
Lab ID: B10050191-002  
Client Sample ID TSM0410112, S

Report Date: 05/07/10  
Collection Date: 04/12/10 10:57  
Date Received: 05/04/10  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.050	mg/L		0.005	E200.8		05/05/10 13:58 / tao
Copper	0.02	mg/L		0.01	E200.8		05/05/10 13:58 / tao
Zinc	0.03	mg/L		0.01	E200.8		05/05/10 13:58 / tao

Report Definitions: RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



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## LABORATORY ANALYTICAL REPORT

**Client:** Point Ruston LLC  
**Project:** Tacoma Smelter Outfall Samples  
**Lab ID:** B10050191-003  
**Client Sample ID** TSM0410212, OSW

**Report Date:** 05/07/10  
**Collection Date:** 04/12/10 11:00  
**Date Received:** 05/04/10  
**Matrix:** Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.037	mg/L		0.005	E200.8		05/05/10 14:14 / tao
Copper	ND	mg/L		0.01	E200.8		05/05/10 14:14 / tao
Zinc	ND	mg/L		0.01	E200.8		05/05/10 14:14 / tao

**Report Definitions:** RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



**LABORATORY ANALYTICAL REPORT**

**Client:** Point Ruston LLC  
**Project:** Tacoma Smelter Outfall Samples  
**Lab ID:** B10050191-004  
**Client Sample ID** TSM0410419, N

**Report Date:** 05/07/10  
**Collection Date:** 04/19/10 08:49  
**DateReceived:** 05/04/10  
**Matrix:** Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.014	mg/L		0.005	E200.8		05/05/10 14:18 / tao
Copper	ND	mg/L		0.01	E200.8		05/05/10 14:18 / tao
Zinc	ND	mg/L		0.01	E200.8		05/05/10 14:18 / tao

**Report Definitions:** RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



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## LABORATORY ANALYTICAL REPORT

**Client:** Point Ruston LLC  
**Project:** Tacoma Smelter Outfall Samples  
**Lab ID:** B10050191-005  
**Client Sample ID:** TSM0410119, S

**Report Date:** 05/07/10  
**Collection Date:** 04/19/10 08:34  
**Date Received:** 05/04/10  
**Matrix:** Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.058	mg/L		0.005	E200.8		05/06/10 05:46 / tao
Copper	0.02	mg/L		0.01	E200.8		05/06/10 23:59 / tao
Zinc	0.02	mg/L		0.01	E200.8		05/06/10 05:46 / tao

**Report Definitions:** RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Samples  
Lab ID: B10050191-006  
Client Sample ID TSM0410219, OSW

Report Date: 05/07/10  
Collection Date: 04/19/10 08:35  
Date Received: 05/04/10  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.045	mg/L		0.005	E200.8		05/06/10 05:50 / tao
Copper	0.01	mg/L		0.01	E200.8		05/07/10 00:04 / tao
Zinc	0.02	mg/L		0.01	E200.8		05/06/10 05:50 / tao

Report Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Samples  
Lab ID: B10050191-007  
Client Sample ID TSM0410426, N

Report Date: 05/07/10  
Collection Date: 04/26/10 08:58  
Date Received: 05/04/10  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.013	mg/L		0.005	E200.8		05/05/10 14:22 / tao
Copper	ND	mg/L		0.01	E200.8		05/05/10 14:22 / tao
Zinc	ND	mg/L		0.01	E200.8		05/05/10 14:22 / tao

Report Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Samples  
Lab ID: B10050191-008  
Client Sample ID TSM0410126, S

Report Date: 05/07/10  
Collection Date: 04/26/10 08:45  
Date Received: 05/04/10  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.051	mg/L		0.005	E200.8		05/05/10 14:43 / tao
Copper	0.01	mg/L		0.01	E200.8		05/05/10 14:43 / tao
Zinc	0.02	mg/L		0.01	E200.8		05/05/10 14:43 / tao

Report Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



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## LABORATORY ANALYTICAL REPORT

**Client:** Point Ruston LLC  
**Project:** Tacoma Smelter Outfall Samples  
**Lab ID:** B10050191-009  
**Client Sample ID** TSM0410226, OSW

**Report Date:** 05/07/10  
**Collection Date:** 04/26/10 08:42  
**DateReceived:** 05/04/10  
**Matrix:** Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.043	mg/L		0.005	E200.8		05/06/10 05:54 / tao
Copper	0.01	mg/L		0.01	E200.8		05/07/10 00:08 / tao
Zinc	0.02	mg/L		0.01	E200.8		05/06/10 05:54 / tao

**Report Definitions:** RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



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## LABORATORY ANALYTICAL REPORT

**Client:** Point Ruston LLC  
**Project:** Tacoma Smelter Outfall Samples  
**Lab ID:** B10050191-010  
**Client Sample ID** TSM 0510403, N

**Report Date:** 05/07/10  
**Collection Date:** 05/03/10 09:22  
**DateReceived:** 05/04/10  
**Matrix:** Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.016	mg/L		0.005	E200.8		05/06/10 05:58 / tao
Copper	0.02	mg/L		0.01	E200.8		05/07/10 00:12 / tao
Zinc	ND	mg/L		0.01	E200.8		05/06/10 05:58 / tao

**Report Definitions:** RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Samples  
Lab ID: B10050191-011  
Client Sample ID TSM0510103, S

Report Date: 05/07/10  
Collection Date: 05/03/10 09:03  
Date Received: 05/04/10  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.064	mg/L		0.005	E200.8		05/06/10 06:19 / tao
Copper	0.02	mg/L		0.01	E200.8		05/07/10 00:16 / tao
Zinc	0.03	mg/L		0.01	E200.8		05/06/10 06:19 / tao

Report Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC  
Project: Tacoma Smelter Outfall Samples  
Lab ID: B10050191-012  
Client Sample ID TSM0510203, OSW

Report Date: 05/07/10  
Collection Date: 05/03/10 09:04  
Date Received: 05/04/10  
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Arsenic	0.038	mg/L		0.005	E200.8		05/05/10 14:47 / tao
Copper	ND	mg/L		0.01	E200.8		05/05/10 14:47 / tao
Zinc	ND	mg/L		0.01	E200.8		05/05/10 14:47 / tao

Report Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



## QA/QC Summary Report

Client: Point Ruston LLC

Report Date: 05/07/10

Project: Tacoma Smelter Outfall Samples

Work Order: B10050191

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8	Analytical Run: ICPMS203-B_100505A								
Sample ID: QCS-090929A,100420A,1 Initial Calibration Verification Standard									05/05/10 22:29
Arsenic	0.0496	mg/L	0.0050	99	90	110			
Copper	0.0507	mg/L	0.010	101	90	110			
Zinc	0.0499	mg/L	0.010	100	90	110			
Method: E200.8	Batch: 46129								
Sample ID: MB-46129	Method Blank								Run: ICPMS203-B_100505A 05/06/10 04:13
Arsenic	0.0001	mg/L	4E-05						
Copper	0.02	mg/L	7E-05						
Zinc	0.002	mg/L	0.0001						
Sample ID: LCS5-46129	Laboratory Control Sample								Run: ICPMS203-B_100505A 05/06/10 04:34
Arsenic	0.497	mg/L	0.0050	99	85	115			
Copper	0.502	mg/L	0.010	97	85	115			
Zinc	0.512	mg/L	0.010	102	85	115			
Sample ID: B10050024-001BMS5	Sample Matrix Spike								Run: ICPMS203-B_100505A 05/06/10 04:46
Arsenic	0.541	mg/L	0.0050	108	70	130			
Copper	0.510	mg/L	0.010	100	70	130			
Zinc	0.519	mg/L	0.010	102	70	130			
Sample ID: B10050024-001BMSD5	Sample Matrix Spike Duplicate								Run: ICPMS203-B_100505A 05/06/10 04:49
Arsenic	0.536	mg/L	0.0050	107	70	130	1	20	
Copper	0.508	mg/L	0.010	100	70	130	0.4	20	
Zinc	0.514	mg/L	0.010	101	70	130	1	20	
Method: E200.8	Batch: R147108								
Sample ID: LFB	Laboratory Fortified Blank								Run: ICPMS203-B_100505A 05/05/10 10:56
Arsenic	0.0475	mg/L	0.0050	95	85	115			
Copper	0.0446	mg/L	0.010	89	85	115			
Zinc	0.0473	mg/L	0.010	95	85	115			
Sample ID: LRB	Method Blank								Run: ICPMS203-B_100505A 05/05/10 12:40
Arsenic	ND	mg/L	2E-05						
Copper	ND	mg/L	3E-05						
Zinc	ND	mg/L	0.0001						
Sample ID: B10050191-002AMS	Sample Matrix Spike								Run: ICPMS203-B_100505A 05/05/10 14:02
Arsenic	0.0969	mg/L	0.0050	95	70	130			
Copper	0.0627	mg/L	0.010	94	70	130			
Zinc	0.0774	mg/L	0.010	87	70	130			
Sample ID: B10050191-002AMSD	Sample Matrix Spike Duplicate								Run: ICPMS203-B_100505A 05/05/10 14:06
Arsenic	0.0963	mg/L	0.0050	94	70	130	0.6	20	
Copper	0.0621	mg/L	0.010	92	70	130	1	20	

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



## QA/QC Summary Report

Client: Point Ruston LLC

Report Date: 05/07/10

Project: Tacoma Smelter Outfall Samples

Work Order: B10050191

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8	Batch: R147108								
Sample ID: B10050191-002AMSD	Sample Matrix Spike Duplicate								
Zinc	0.0770	mg/L	0.010	87	70	130	0.6	20	
Sample ID: B10050241-003AMS	Sample Matrix Spike								
Arsenic	0.546	mg/L	0.0050		70	130			A
Copper	0.212	mg/L	0.010	60	70	130			S
Zinc	0.496	mg/L	0.010		70	130			A
Sample ID: B10050241-003AMSD	Sample Matrix Spike Duplicate								
Arsenic	0.557	mg/L	0.0050		70	130	2	20	A
Copper	0.218	mg/L	0.010	73	70	130	3	20	
Zinc	0.506	mg/L	0.010		70	130	2	20	A
Method: E200.8	Analytical Run: ICPMS203-B_100506A								
Sample ID: QCS-090929A,100420A,1	Initial Calibration Verification Standard								
Copper	0.0513	mg/L	0.010	103	90	110			05/06/10 17:33
Method: E200.8	Batch: 46129								
Sample ID: MB-46129	Method Blank								
Arsenic	ND	mg/L	4E-05						05/06/10 22:39
Copper	0.004	mg/L	7E-05						
Zinc	0.002	mg/L	0.0001						
Sample ID: LCS5-46129	Laboratory Control Sample								
Arsenic	0.507	mg/L	0.0050	101	85	115			05/06/10 22:43
Copper	0.505	mg/L	0.010	100	85	115			
Zinc	0.518	mg/L	0.010	103	85	115			
Sample ID: B10050024-001BMS5	Sample Matrix Spike								
Arsenic	0.498	mg/L	0.0050	100	70	130			05/06/10 23:15
Copper	0.490	mg/L	0.010	98	70	130			
Zinc	0.488	mg/L	0.010	96	70	130			
Sample ID: B10050024-001BMSD5	Sample Matrix Spike Duplicate								
Arsenic	0.501	mg/L	0.0050	100	70	130	0.5	20	
Copper	0.499	mg/L	0.010	99	70	130	1.7	20	
Zinc	0.496	mg/L	0.010	98	70	130	1.7	20	

### Qualifiers:

RL - Analyte reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



ENERGY LABORATORIES, INC. \* 1120 S 27th St \* PO Box 30916 \* Billings, MT 59107-0916  
Toll Free 800.735.4489 \* 406.252.6325 \* FAX 406.252.6069 \* eli@energylab.com

## Workorder Receipt Checklist



Point Ruston LLC

B10050191

Login completed by: Darwin C. Miller

Date Received: 5/4/2010

Reviewed by: BL2000\kmcdonald

Received by: klb

Reviewed Date: 5/5/2010

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature:	12°C		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>

-----  
Contact and Corrective Action Comments:

None

POINT  
RUSTON

5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

# OUTFALL

CHAIN OF CUSTODY RECORD

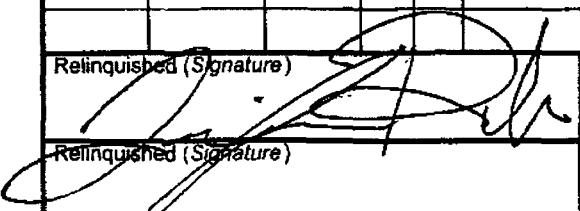
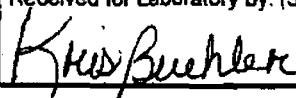
PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS	
TACOMA SMELTER		OUTFALL SAMPLES				
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER	
4/12/10	N	11:22	✓		TSM0410412	1 ✓ FB10050101-001
4/12/10	S	10:51	✓		TSM0410112	1 ✓ -002
4/12/10	OSW	11:00	✓		TSM0410212	1 ✓ -003
4/19/10	N	8:49	✓		TSM0410419	1 ✓ -004 PLEASE EMAIL RESULTS TO:
4/19/10	S	8:34	✓		TSM0410119	1 ✓ -005 TIM2@POINT RUSTON.com
4/19/10	OSW	8:35	✓		TSM0410219	1 ✓ -006
4/20/10	N	8:58	✓		TSM0410426	1 ✓ -007
4/20/10	S	8:45	✓		TSM0410126	1 ✓ -008
4/20/10	OSW	8:42	✓		TSM0410226	1 ✓ -009
5/3/10	N	9:22	✓		TSM0510403	1 ✓ -010
5/3/10	S	9:03	✓		TSM0510103	1 ✓ -011
5/3/10	OSW	9:04	✓		TSM0510203	1 ✓ -012
						THANK YOU
Relinquished (Signature)		Date/Time	Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other _____ Air Bill # _____
		5/3/10 FEDEX				
Relinquished (Signature)		Date/Time	Received by: (Signature)		Remarks	
					12" Custody seals on all bottles	
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)		Date/Time	Enclosed:
					5-4-10 0930	<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
					Split Samples: [ ] Accepted [ ] Declined _____	
					Signature	

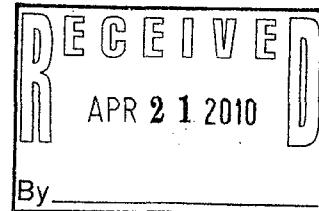
Table 1. Summary of April 2010 Outfall Data for As, Cu, and Zn Compared to SOW Limit

Location	As Conc. ppm	% of SOW Limit*	Cu Conc. ppm	% of SOW Limit*	Zn Conc. ppm	% of SOW Limit*
South Outfall	0.056	11.15%	0.018	3.50%	0.025	5.00%
OSW2	0.041	8.15%	0.005	1.00%	0.010	2.00%
North Outfall	0.016	3.10%	0.010	2.00%	0.003	0.50%

\* 0.5 ppm is the limit of As, Cu, and Zn allowed as documented in the SOW.

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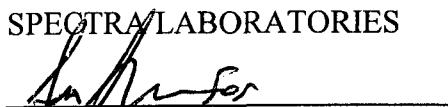
04/19/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Stockpile "B" Placement  
Sample Matrix: Air Cassette  
Date Sampled: 04/14/2010  
Date Received: 04/15/2010  
Spectra Project: 2010040303  
Rush

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
041410-719	1	Arsenic	0.021	µg/m3	SW846 6020A
041410-719	1	Lead	0.12	µg/m3	SW846 6020A
041410-123	2	Arsenic	0.080	µg/m3	SW846 6020A
041410-123	2	Lead	0.13	µg/m3	SW846 6020A
041410-181	3	Arsenic	0.067	µg/m3	SW846 6020A
041410-181	3	Lead	0.11	µg/m3	SW846 6020A
041410-646	4	Arsenic	0.025	µg/m3	SW846 6020A
041410-646	4	Lead	0.049	µg/m3	SW846 6020A

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Steve Hibbs, Laboratory Manager

a7/scj

## CHAIN OF CUSTODY RECORD

**POINT  
RUSTON**

5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

20100410303

PROJ. NO	PROJECT NAME					NO. OF CONTAINERS	REMARKS
WAIR VancClub	STOCKPILE "B" PLACEMENT						
SAMPLE NUMBER							
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
4/14/10				/	041410-719	1	
4/14/10				/	041410-123	1	
4/14/10				/	041410-181	1	
4/14/10				/	041410-6410	1	
							PLEASE Email Results To Tim.2@PointRuston.com
							THANK YOU
Relinquished (Signature)			Date/Time		Received by (Signature)	Lab	Shipped via: FedEx, UPS or Other <u>Drop OFF</u> Air Bill # _____
<u>Linda D.</u>			4-15-10 3:03		<u>fedex</u>		
Relinquished (Signature)			Date/Time		Received by (Signature)	Remarks	
Relinquished (Signature)			Date/Time		Received for Laboratory by: (Signature)	Date/Time	Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
Split Samples: [ ]Accepted [ ]Declined _____							
Signature _____							

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APR 19 2010

04/15/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Sample Matrix: Filter  
Date Sampled: 04/02/2010  
Date Received: 04/06/2010  
Spectra Project: 2010040097

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
8293692	1	Arsenic	< 0.05	µg/m3	SW846 6010B
8293692	1	Lead	< 0.05	µg/m3	SW846 6010B
8293691	2	Arsenic	< 0.05	µg/m3	SW846 6010B
8293691	2	Lead	< 0.05	µg/m3	SW846 6010B
8293690	3	Arsenic	< 0.05	µg/m3	SW846 6010B
8293690	3	Lead	< 0.05	µg/m3	SW846 6010B

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

a7/sgh

Page 1 of 1

## CHAIN OF CUSTODY RECORD

6010640097



5219 N. Shirley St., Suite 100  
Phone: 253-752-2185  
Tacoma, WA 98407  
Fax: 253-752-7083

PROJ. NO	PROJECT NAME									
Air Monitoring	POINT RUSTON, LLC		(H + VOL)							
SAMPLERS: (Signature)		<i>John Ruhn</i>								
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER	NO. OF CONTAINERS	REMARKS			
4/2/10	SG		✓		8293692	1	✓			
4/2/10	DF-VI		✓		8293691	1	✓	PLEASE EMAIL RESULTS TO: Tim2@PointRuston.com		
4/2/10	DF-NW		✓		8293690	1	✓			
										<i>THANK YOU</i>
Relinquished (Signature)			Date/Time		Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other		
<i>John Ruhn</i>			4-6-10 12:53		<i>Morales</i>		Spectra	<i>Harm JPN</i>		
Relinquished (Signature)			Date/Time		Received by: (Signature)		Remarks			
Relinquished (Signature)			Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:		
								<input type="checkbox"/> Parameter List with DTLs		
								<input type="checkbox"/> Cover Letter		
Split Samples: [ ]Accepted [ ]Declined _____										<i>Signature</i>



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MAY 06 2010

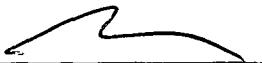
05/04/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Date Received: 04/19/2010  
Spectra Project: 2010040340

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	Date Sampled
8293686	1	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/12/2010
8293686	1	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/12/2010
8293685	2	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/12/2010
8293685	2	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/12/2010
8293684	3	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/12/2010
8293684	3	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/12/2010
8293689	4	Arsenic	0.09	µg/m³	SW846 6010B	Filter	04/13/2010
8293689	4	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/13/2010
8293688	5	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/13/2010
8293688	5	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/13/2010
8293687	6	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/13/2010
8293687	6	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/13/2010
8293683	7	Arsenic	0.06	µg/m³	SW846 6010B	Filter	04/14/2010
8293683	7	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/14/2010
8293682	8	Arsenic	0.06	µg/m³	SW846 6010B	Filter	04/14/2010
8293682	8	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/14/2010

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager  
a8/scj



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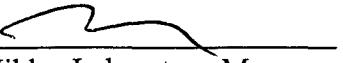
05/04/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Date Received: 04/19/2010  
Spectra Project: 2010040340

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8293681	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/14/2010
8293681	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/14/2010
8293679	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/15/2010
8293679	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/15/2010
8293678	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/15/2010
8293678	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/15/2010
8293677	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/15/2010
8293677	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/15/2010
8293676	13	Arsenic	0.06	µg/m3	SW846 6010B	Filter	04/16/2010
8293676	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/16/2010
8293675	14	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/16/2010
8293675	14	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/16/2010
8293674	15	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/16/2010
8293674	15	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/16/2010
8293672	16	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/17/2010
8293672	16	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/17/2010

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Steve Hibbs, Laboratory Manager  
a8/scj



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05/04/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)  
Date Received: 04/19/2010  
Spectra Project: 2010040340

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8293671	17	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/17/2010
8293671	17	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/17/2010
8293673	18	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/17/2010
8293673	18	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/17/2010
8293680	19	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/14/2010
8293680	19	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/14/2010

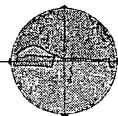
SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager  
a8/scj

## CHAIN OF CUSTODY RECORD

**POINT  
RUSTON**



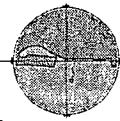
5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

200040340

PROJ. NO		PROJECT NAME				NO. OF CONTAINERS	REMARKS
AIR MONITORING		POINT RUSTON, LLC		(HI-VOL)			
SAMPLERS: (Signature)		<i>[Signature]</i>		<i>[Signature]</i>			
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
4/12/10	SG		✓		8293686	1 ✓	
4/12/10	OCF-VI		✓		8293685	1 ✓	
4/12/10	OCF-NW		✓		8293684	1 ✓	PLEASE EMAIL RESULTS TO: Tim@PointRuston.com
4/13/10	SG		✓		8293689	1 ✓	
4/13/10	OCF-VI		✓		8293688	1 ✓	
4/13/10	OCF-NW		✓		8293687	1 ✓	
4/14/10	SG		✓		8293683	1 ✓	
4/14/10	OCF-VI		✓		8293682	1 ✓	
4/19/10	OCF-NW		✓		8293681	1 ✓	
4/15/10	SG		✓		8293679	1 ✓	
4/15/10	OCF-VI		✓		8293678	1 ✓	
4/15/10	OCF-NW		✓		8293677	1 ✓	
4/16/10	SG		✓		8293676	1 ✓	
4/16/10	OCF-VI		✓		8293675	1 ✓	
4/16/10	OCF-NW		✓		8293674	1 ✓	
Relinquished (Signature)		Date/Time		Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other <b>Drop OFF</b> Air Bill # _____
<i>[Signature]</i>		4-19-10 12:51		<i>Marie Holt</i>			
Relinquished (Signature)		Date/Time		Received by: (Signature)		Remarks	
<i>[Signature]</i>							
Relinquished (Signature)		Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:
<i>[Signature]</i>							<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
Split Samples: [ ] Accepted [ ] Declined _____							
Signature							

## **CHAIN OF CUSTODY RECORD**

2010040340



# POINT RUSTON

5219 N. Shirley St., Suite 100      Tacoma, WA 98407  
Phone: 253-752-2185      Fax: 253-752-7083

# SPECTRA Laboratories

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MAY 10 2010

05/10/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 04/27/2010  
Spectra Project: 2010040525

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8293670	1	Arsenic	0.16	µg/m3	SW846 6010B	Filter	04/19/2010
8293670	1	Lead	0.08	µg/m3	SW846 6010B	Filter	04/19/2010
8293669	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/19/2010
8293669	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/19/2010
8293668	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/19/2010
8293668	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/19/2010
8293667	4	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/20/2010
8293667	4	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/20/2010
8293666	5	Arsenic	0.06	µg/m3	SW846 6010B	Filter	04/20/2010
8293666	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/20/2010
8293665	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/20/2010
8293665	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/20/2010
8293664	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/21/2010
8293664	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/21/2010
8293663	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/21/2010
8293663	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/21/2010

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

a8/scj

# SPECTRA Laboratories

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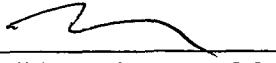
05/10/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 04/27/2010  
Spectra Project: 2010040525

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8293662	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/21/2010
8293662	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/21/2010
8293660	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/22/2010
8293660	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/22/2010
8293659	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/22/2010
8293659	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/22/2010
8293658	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/22/2010
8293658	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/22/2010
8293657	13	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/23/2010
8293657	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/23/2010
8293656	14	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/23/2010
8293656	14	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/23/2010
8293655	15	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/23/2010
8293655	15	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/23/2010
8293661	16	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	04/22/2010
8293661	16	Lead	< 0.05	µg/m3	SW846 6010B	Filter	04/22/2010

SPECTRA LABORATORIES

  
Steve Hibbs, Laboratory Manager

a&scj

CHAIN OF CUSTODY RECORD

PROJ. NO		PROJECT NAME					NO. OF CONTAINERS	REMARKS
AIR MONITORING		POINT RUSTON, LLC HI-VOL						
SAMPLERS: (Signature)		<i>John D. Runk</i>					<i>R</i>	
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER			
4/27/10	CONTROL			✓	8293661		1	✓
PLEASE EMAIL RESULTS To: <i>TimQ@PointRuston.com</i>								
Relinquished (Signature)			Date/Time		Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other <u>DROP OFF</u> Air Bill # _____
<i>John D. Runk</i>			4-27-10 11:21		<i>Kod Rons</i>		<i>Spectra</i>	
Relinquished (Signature)			Date/Time		Received by: (Signature)		Remarks	
Relinquished (Signature)			Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:
								<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
Split Samples: <input type="checkbox"/> Accepted <input type="checkbox"/> Declined _____								

**POINT  
RUSTON**

5219 N. Shirley St., Suite 100    Tacoma, WA 98407  
Phone: 253-752-2185    Fax: 253-752-7083

CHAIN OF CUSTODY RECORD

PROJ. NO	PROJECT NAME					NO. OF CONTAINERS	REMARKS
<i>Air Monitoring Point Ruston, LLC H1-VOL</i>					<i>Dunk JR</i>		
SAMPLERS: (Signature)							
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
4/19/10	SG		✓		82936070	1 ✓	
4/19/10	OCF-VI		✓		82936069	1 ✓	
4/19/10	OCF-NW		✓		82936068	1 ✓	
4/20/10	SG		✓		82936067	1 ✓	
4/20/10	OCF-VI		✓		82936066	1 ✓	
4/20/10	OCF-NW		✓		82936065	1 ✓	
4/21/10	SG		✓		82936064	1 ✓	
4/21/10	OCF-VI		✓		82936063	1 ✓	
4/21/10	OCF-NW		✓		82936062	1 ✓	
4/22/10	SG		✓		82936060	1 ✓	
4/22/10	OCF-VI		✓		82936059	1 ✓	
4/22/10	OCF-NW		✓		82936058	1 ✓	
4/23/10	SG		✓		82936057	1 ✓	
4/23/10	OCF-VI		✓		82936056	1 ✓	
4/23/10	OCF-NW		✓		82936055	1 ✓	
Relinquished (Signature)		Date/Time	Received by: (Signature)			Lab	Shipped via: FedEx, UPS or Other <u>Drop Off</u> Air Bill #
<i>Dunk JR</i>		4-27-10 11:21	<i>Rd Rens</i>			<i>Spectra</i>	
Relinquished (Signature)		Date/Time	Received by: (Signature)			Remarks	
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)			Date/Time	Enclosed:
							<input type="checkbox"/> Parameter List with DTLs
							<input type="checkbox"/> Cover Letter
Split Samples: [ ]Accepted [ ]Declined _____							
Signature							



# SPECTRA Laboratories

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

05/10/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 05/03/2010  
Spectra Project: 2010050039

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8293652	1	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/26/2010
8293652	1	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/26/2010
8293653	2	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/26/2010
8293653	2	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/26/2010
8293654	3	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/26/2010
8293654	3	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/26/2010
8293651	4	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/29/2010
8293651	4	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/29/2010
8293650	5	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/29/2010
8293650	5	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/29/2010
8293649	6	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/29/2010
8293649	6	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/29/2010
8293648	7	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/30/2010
8293648	7	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/30/2010
8293647	8	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/30/2010
8293647	8	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/30/2010

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager  
a8/scj



# SPECTRA Laboratories

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05/10/2010

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 05/03/2010  
Spectra Project: 2010050039

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8293646	9	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	04/30/2010
8293646	9	Lead	< 0.05	µg/m³	SW846 6010B	Filter	04/30/2010

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager  
a8/scj

## CHAIN OF CUSTODY RECORD



2010050039

5219 N. Shirley St., Suite 100  
Phone: 253-752-2185  
Tacoma, WA 98407  
Fax: 253-752-7083

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS									
Air Monitoring		POINT RUSTON, LLC Hi-VOL				A	S	P	B					
SAMPLERS: (Signature)		<i>J. Rush Jr.</i>												
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER									
4/24/10	SG		✓		8293652				1	✓				
4/24/10	DCF-VI		✓		8293653				1	✓				
4/26/10	DCF-NW		✓		8293654				1	✓				
4/29/10	SG		✓		8293651				1	✓				
4/29/10	DCF-VI		✓		8293650				1	✓				<i>PLEASE EMAIL RESULTS TO: Tim2@POINTRUSTON.com</i>
4/29/10	DCF-NW		✓		8293649				1	✓				
4/30/10	SG		✓		8293648				1	✓				
4/30/10	DCF-VI		✓		8293647				1	✓				
4/30/10	DCF-NW		✓		8293646				1	✓				
Relinquished (Signature)				Date/Time		Received by: (Signature)		Lab		Shipped via: FedEx, UPS or Other <u>Drop Off</u> Air Bill # _____				
<i>J. Rush Jr.</i>				5-3-10 2:43		<i>Kelton</i>		<i>Spectra</i>						
Relinquished (Signature)				Date/Time		Received by: (Signature)		Remarks						
Relinquished (Signature)				Date/Time		Received for Laboratory by: (Signature)		Date/Time		Enclosed:				
										<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter				
Split Samples: [ ] Accepted [ ] Declined _____														
<i>Signature</i>														